

an electrically conducting central conductor shield overlying the layer of central conductor insulation;

a plurality of spiral conductor structures overlying and spirally wrapped around the central conductor structure, wherein each spiral conductor structure retains a same pair of circumferentially adjacent spiral conductor structures along a length of the electrical cable, and wherein each of the spiral conductor structures comprises

an electrically conducting spiral conductor, and

a spiral conductor insulation overlying the spiral conductor,

each spiral conductor structure having no electrically conducting shielding thereon;

an electrically conducting outer shield overlying the plurality of spiral conductors; and

an outer insulation overlying the electrically conducting outer shield.

~~cancel~~ claim 8, without prejudice.

Add the following new claims:

21. (New) The electrical cable of claim 1, wherein at least one of the spiral conductor structures has a signal-carrying identity.

22. (New) The electrical cable of claim 1, wherein at least some of the spiral conductor structures have different signal-carrying identities.

23. (New) The electrical cable of claim 1, wherein at least some of the spiral conductor structures are arranged responsive to a crosstalk threat between the various spiral conductor structures.

24. (New) The electrical cable of claim 1, wherein at least some of the spiral conductor structures have an identity selected responsive to a designed carried signal selected from the group consisting of a video signal, an audio signal, a power signal, a

telephone signal, a data signal, and a control signal.

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25. (New) The electrical cable of claim 1, wherein the electrical cable is a signal-carrying component of an in-flight entertainment system.

26. (New) The method of claim 17, wherein the step of selecting includes the step of

arranging the spiral conductor structures responsive to a power carried by each spiral conductor structure and responsive to the power carried by the circumferentially adjacent pair of spiral conductor structures.

27. (New) The method of claim 17, wherein the step of selecting includes the step of

arranging the spiral conductor structures responsive to a crosstalk characteristic thereof.

28. (New) The method of claim 17, wherein at least some of the spiral conductor structures have an identity selected responsive to a designed carried signal selected from the group consisting of a video signal, an audio signal, a power signal, a telephone signal, a data signal, and a control signal.

29. (New) An electrical cable having a local longitudinal axis and comprising:

a central conductor structure comprising

an electrically conducting central conductor,

a layer of a central conductor insulation overlying the central conductor,

and

an electrically conducting central conductor shield overlying the layer of central conductor insulation;

a plurality of spiral conductor structures overlying and spirally wrapped around

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the central conductor structure, each of the spiral conductor structures comprising
an electrically conducting spiral conductor, and
a spiral conductor insulation overlying the spiral conductor,
each spiral conductor structure having no electrically conducting shielding thereon,
wherein each of the spiral conductor structures has a designated identity, and wherein
at least a first one of the spiral conductor structures has two circumferentially adjacent
spiral conductor structures each having a different identity than the first one of the
spiral conductor structures;

an electrically conducting outer shield overlying the plurality of spiral
conductors; and

an outer insulation overlying the electrically conducting outer shield.

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30. (New) An electrical cable having a local longitudinal axis and
comprising:

a central conductor structure comprising

an electrically conducting central conductor,

a layer of a central conductor insulation overlying the central conductor,

and

an electrically conducting central conductor shield overlying the layer of
central conductor insulation;

a plurality of spiral conductor structures overlying and spirally wrapped around
the central conductor structure, wherein a circumferential positioning of the spiral
conductor structures relative to each other is responsive to a signal carried by each
spiral conductor structure, and wherein each of the spiral conductor structures
comprises

an electrically conducting spiral conductor, and

a spiral conductor insulation overlying the spiral conductor,

each spiral conductor structure having no electrically conducting shielding thereon;

an electrically conducting outer shield overlying the plurality of spiral
conductors; and

an outer insulation overlying the electrically conducting outer shield.

31. (New) The electrical cable of claim 30, wherein each spiral conductor structure retains a same pair of circumferentially adjacent spiral conductor structures along a length of the electrical cable.

32. (New) The electrical cable of claim 30, wherein each spiral conductor structure retains a same pair of circumferentially adjacent spiral conductor structures along a length of the electrical cable, and wherein the same pair of circumferentially adjacent spiral conductor structures is selected according to the signal carried by each of the three spiral conductor structures.

33. (New) The electrical cable of claim 30, wherein at least some of the spiral conductor structures have an identity selected responsive to a designed carried signal selected from the group consisting of a video signal, an audio signal, a power signal, a telephone signal, a data signal, and a control signal.
